

Libby Asbestos Site
Troy Operable Unit 7
Removal Parcel Status

November 30, 2009

On November 15, 2009, Tetra Tech performed a "query" of the current database for all of the inspected parcels in OU7.

The query resulted in 379 unique parcels meeting one or more of the following conditions as reported in Scribe:

- Visible Vermiculite in living space = Yes
- Visible Vermiculite in attic = Yes
- Visible Vermiculite in a Specific Use Area = Yes
- Field soil sample (interior or exterior) result = Bin B2 or C

The following questions were asked of the resident during the inspection and the responses were entered by the field teams (not necessarily confirmed or denied by the field teams during the actual inspection). Affirmative answers to these questions are grouped as "secondary" triggers. As of now, affirmative responses are not primary triggers for removal actions at a parcel.

- Any knowledge of former miners, close relative of miners, or any highly exposed persons living or visiting the building? = Yes
- Is the resident, past or present, diagnosed with an asbestos related disease? = Yes
- To the best of your knowledge, was vermiculite from the mine used in or around your home = Yes
- Has resident/business purchased any Libby Vermiculite materials from WR Grace in the past? = Yes
- Has the property been used for a for-profit enterprise of distributing, treating, storing, or disposing of Libby Vermiculite? = Yes
- Are there Libby Vermiculite additive in any of the building materials? = Yes

DEQ project officer, Catherine LeCours then reviewed each parcel individually, including analytical results, log book, photos, ERS reports, and all pertinent data from Scribe to determine the need for removal action. This review was based on the recommendations of the April 2009 *Libby Asbestos Site, Troy Operable Unit 07, Residential/Commercial Cleanup Criteria, Specific Use Area Visible Vermiculite Action Level, Technical Memorandum*.

Number of parcels per category	Database Query based on OU4 criteria	Parcel Review	Percent of parcels remaining
Interior Only	43	72	167
Exterior Only	233	19	8
Both Interior and Exterior	45	13	29
B2 only	n/a	10	n/a
Visible noted in SUA is not LA	n/a	212	n/a
Secondary trigger only	n/a	41	n/a
Removal Action completed (CDM or USACE)		12	

Category description:

- Interior Only - parcels where vermiculite attic insulation is present only inside a building
- Exterior Only - parcels where Libby vermiculite is present only outside any building
- Both Interior and Exterior - parcels where Libby vermiculite is present both inside and outside of buildings
- B2 only – The only indication of the presence of Libby vermiculite is by a B2 analytical result from a soil sample
- Visible noted in SUA is not LA – the inspection team observed visible vermiculite in a specific use area; however, the other lines of evidence do not support the vermiculite being from Libby (for example, observed vermiculite in an individual flower pot, resident indicated the vermiculite was recently purchased from a local garden store, etc.)
- Secondary trigger only – only an affirmative response to the interview questions would cause a removal action at the parcel
- Removal Action completed – parcels at which removal actions have already occurred based on the current criteria used in OU4

DEQ will provide EPA with the list of parcels for each category and will use these numbers to plan for 2010.